

# **Elevator Destination Protocol With Flexible User Interface**

## **Abstract of the Invention**

An elevator system having multiple elevator cars efficiently assigns cars and communicates the car assignments to the potential passengers. A hallway intuitive user interface is readily adapted to installations having varying numbers of elevator cars with varying floor access by incorporating a graphical display that is rendered accordingly. Moreover, a combination of visual, textual and aural indications are given to the passenger that the destination entered is valid and assigned to a car. For those instances where a potential passenger fails to enter a destination correctly, the elevator system retains a traditional elevator control interface in the elevator car.